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A/Box 200

UTILITY PATENT APPLICATION TRANSMITTAL
(Small Entity)*(Only for new nonprovisional applications under 37 CFR 1.53(b))*Docket No.
883933.0023 (UCON-122)

Total Pages in this Submission

TO THE ASSISTANT COMMISSIONER FOR PATENTS**Box Patent Application**
Washington, D.C. 20231

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an invention entitled:

HYBRID CYTOKINE OF IL-7
AND β -CHAIN OF HEPATOCYTE GROWTH FACTOR

and invented by:

Irving Goldschneider
Laijun Lai**If a CONTINUATION APPLICATION, check appropriate box and supply the requisite information:**☐ **Continuation** ☐ **Divisional** ☐ **Continuation-in-part (CIP)** of prior application No.: _____

Which is a:

☐ **Continuation** ☐ **Divisional** ☐ **Continuation-in-part (CIP)** of prior application No.: _____

Which is a:

☐ **Continuation** ☐ **Divisional** ☐ **Continuation-in-part (CIP)** of prior application No.: _____

Enclosed are:

Application Elements

1. ☐ Filing fee as calculated and transmitted as described below
2. ☒ Specification having _____ pages and including the following:
 - a. ☒ Descriptive Title of the Invention
 - b. ☐ Cross References to Related Applications *(if applicable)*
 - c. ☐ Statement Regarding Federally-sponsored Research/Development *(if applicable)*
 - d. ☐ Reference to Microfiche Appendix *(if applicable)*
 - e. ☒ Background of the Invention
 - f. ☒ Brief Summary of the Invention
 - g. ☒ Brief Description of the Drawings *(if drawings filed)*
 - h. ☒ Detailed Description
 - i. ☒ Claim(s) as Classified Below
 - j. ☒ Abstract of the Disclosure

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Application Elements (Continued)

3. ☒ Drawing(s) (when necessary as prescribed by 35 USC 113)
- a. ☐ Formal b. ☒ Informal Number of Sheets 26
4. ☒ Oath or Declaration
- a. ☐ Newly executed (original or copy) ☒ Unexecuted
- b. ☐ Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional application only)
- c. ☒ With Power of Attorney ☐ Without Power of Attorney
- d. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application,
see 37 C.F.R. 1.63(d)(2) and 1.33(b).
5. ☐ Incorporation By Reference (usable if Box 4b is checked)
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
6. ☐ Computer Program in Microfiche
7. ☐ Genetic Sequence Submission (if applicable, all must be included)
- a. ☐ Paper Copy
- b. ☐ Computer Readable Copy
- c. ☐ Statement Verifying Identical Paper and Computer Readable Copy

Accompanying Application Parts

8. ☐ Assignment Papers (cover sheet & documents)
9. ☐ 37 CFR 3.73(b) Statement (when there is an assignee)
10. ☐ English Translation Document (if applicable)
11. ☐ Information Disclosure Statement/PTO-1449 ☐ Copies of IDS Citations
12. ☐ Preliminary Amendment
13. ☒ Acknowledgment postcard
14. ☒ Certificate of Mailing
- ☐ First Class ☐ Express Mail (Specify Label No.): EL664115740US

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(Small Entity)

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Accompanying Application Parts (Continued)

15. ☐ Certified Copy of Priority Document(s) *(if foreign priority is claimed)*

16. ☒ Small Entity Statement(s) - Specify Number of Statements Submitted:

Applicants are entitled to
"Small Entity" status.

17. ☐ Additional Enclosures *(please identify below)*:

Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)

18. ☐ Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.

Warning

An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.

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(Small Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

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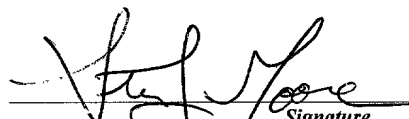
Fee Calculation and Transmittal

CLAIMS AS FILED

For	#Filed	#Allowed	#Extra	Rate	Fee
Total Claims	31	- 20 =	11	x \$9.00	\$99.00
Indep. Claims	8	- 3 =	5	x \$40.00	\$200.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
BASIC FEE					\$355.00
OTHER FEE (specify purpose) _____					\$0.00
TOTAL FILING FEE					\$654.00

- ☒ A check in the amount of _____ to cover the filing fee is enclosed.
- ☐ The Commissioner is hereby authorized to charge and credit Deposit Account No. _____ as described below. A duplicate copy of this sheet is enclosed.
- ☐ Charge the amount of _____ as filing fee.
 - ☐ Credit any overpayment.
 - ☐ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.
 - ☐ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).

Dated: 3/30/01


Signature
Steven J. Moore, Attorney
Cummings & Lockwood
Granite Square, 700 State Street
P.O. Box 1960
New Haven, CT 06509-1960

cc: Telephone: (203) 351-4333

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
Irving Goldschneider)
Laijun Lai)
Serial No.: (Unassigned))
Filed: March 30, 2001)
For: **HYBRID CYTOKINE OF IL-7**)
AND β -CHAIN OF HEPATOCYTE)
GROWTH FACTOR)

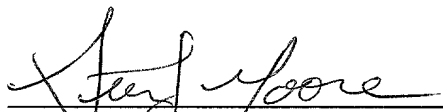
BOX SEQUENCE
Commissioner for Patents
Washington, D.C. 20231

TRANSMITTAL OF SEQUENCE LISTING

Dear Sir:

Transmitted herewith is a copy of the "Sequence Listing" in paper form for the above-identified patent application as required by 37 C.F.R. § 1.821(c) and a copy of the "Sequence Listing" in computer readable form as required by 37 C.F.R. § 1.821(e). As required by 37 C.F.R. § 1.821(f), Applicants' Attorney hereby states that the content of the "Sequence Listing" in paper form and the computer readable form of the "Sequence Listing" are the same.

Respectfully submitted,



3/30/01

Steven J. Moore, Reg. No. 35,959
CUMMINGS & LOCKWOOD
Granite Square
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New Haven, CT 06509-1960
United States of America
Tel.: (203) 351-4333

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

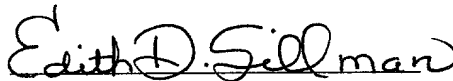
In re Application of:)
)
Irving GOLDSCHNEIDER)
Laijun LAI) Examiner:
)
Serial No.: To be Assigned) Group Art Unit:
)
Filed: Concurrently Herewith)
)
For: **HYBRID CYTOKINE OF**)
IL-7 AND β -CHAIN OF)
HEPATOCTE GROWTH)
FACTOR)

BOX PATENT APPLICATION

Commissioner for Patents
Washington, D.C. 20231

Express Mail Mailing Label Number: EL664115740US
Date of Deposit: March 30, 2001

I hereby certify that the attached Application (37 Pages); twenty-six (26) sheets of Informal Drawings; Declaration, Power of Attorney, and Petition (unexecuted); Transmittal Form in duplicate; and a return postal card are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to: BOX PATENT APPLICATION, Commissioner for Patents, Washington, D.C. 20231.


Edith D. Sillman
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Stamford, CT 06904-0210

Date: March 30, 2001